

## Packaged and Modular Deaerating Systems Series "ADA"



ALSTROM's Deaerators are designed to effectively remove oxygen and other dissolved gases from the feedwater to steam-generating boilers.

Dissolved oxygen in boiler feedwater will cause serious corrosion damage in steam systems by attaching to the walls of metal piping and other metallic equipment and forming oxides. Water also combines with any dissolved carbon dioxide to form carbonic acid that causes further corrosion.

Alstrom Deaerators are designed to remove oxygen down to levels of 7 ppb by weight (0.005 cm<sup>3</sup>/L) or less.

### FEATURES:

- Complete Packaged Deaerator Systems or Modular Design to minimize field installation cost.
- ASME Code and National Board Designed, Built & Stamped receivers. Design Pressure 50 psig.
- Guaranteed removal of all dissolved oxygen in excess of .005 cc/liter.
- Pressurized Spray Scrubber or Spray Tray Type.
- Full range of standard capacity from 5,000 to 420,000 lbs/hr.
- Larger capacity units are available upon request.



## Custom Designed Deaerating Systems



To meet any Design Specifications

### ALSTROM Electronic Digital Control Center:

NEMA 12 enclosure with color touch screen human interface, alarm pilot light, audible alarm buzzer, and alarm reset push button.

Represented By:



- Shell & Tube Heat Exchangers
- Shell & Coil Heat Exchangers
- Plate & Frame Heat Exchangers
- Replacement Tube Bundles
- Unfired Steam Generators
- Hot Water Generators
- Instantaneous Water Heaters
- Heat Recovery Systems
- Asphalt Heaters
- Packaged Pumping Systems
- Fuel Oil Preheaters
- Fuel Oil Heaters
- Liquid/Vapor Separators
- Heat Recovery Boilers
- Deaerators